

CLEAN VERSION OF CLAIMS AS AMENDED

What is claimed as being new and desired to be protected by LETTERS PATENT of the United States is as follows:

1. A golfing aide system for assisting golfers and improving their game comprising, in combination:

a global positioning system device used to accurately locate positions of key landmarks on a golf course for mapping of a landscape of a golf course, the global positioning system device being able to transmit and receive information;

a cellular technology device providing standard and advanced mobile phone communication capabilities to golfers, the cellular technology device being able to transmit and receive information;

a wireless modem being able to link the system to a phone line and provide for data communication, the wireless modem being able to transmit and receive information;

a low power radio frequency transceiver allowing functional communication between golfers, the clubhouse and any other entity requiring this type of communication, the low power radio frequency transceiver being able to transmit and receive information;

a cellular digital packet data technology device allowing for the fast and cost effective transmission of data as required for intercomputer access, email and the like, the cellular digital packet data technology device being able to transmit and receive information;

a handheld proprietary touch screen personal computer for a golfer being able to transmit and receive information between the personal computer and the global positioning system device, the cellular technology device, the wireless modem, the low power radio frequency transceiver and the cellular digital packet data technology device;

an operating system to allow a golfer to interface with the computer; and

software to perform a plurality of programmed functions to enable the system to input, provide and store information which would assist the golfer by providing a plurality of forms of information and functions including automated distance calculations, equipment indication, club selection, course management, scoring, statistics, cataloguing courses, mapping of a landscape of a golf course, and other functions in a synchronous and beneficial fashion for improved golfing performance, with the mapping function allowing a golfer to input data to construct a map of a course by input from the golfer's handheld computer.

2. A golfing aide system for assisting golfers and improving their game comprising, in combination:

a plurality of electronic devices selected from a class of electronic devices which include such devices as a global positioning system device, cellular technology device, a wireless modem, a low power radio frequency transceiver, and cellular

digital packet data technology device each being capable of transmitting and receiving information;

a handheld proprietary touch screen personal computer for a golfer being programmed and able to transmit and receive information with any of a plurality of devices;

an operating system to allow a golfer to interface with the computer; and

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software to perform programmed functions based upon the input and output of the personal computer to enable the system to input, provide and store information which would assist the golfer by performing a plurality of functions such as automated distance calculations, equipment indication, club selection, course management, scoring, statistics, cataloguing courses, golf course mapping and other functions in a synchronous and beneficial fashion for improved golfing performance, with the mapping function allowing a golfer to input data to thereby construct a map of a golf course.

3. A method of assisting golfers and improving their game comprising, in combination, the steps of:

providing a global positioning system device being capable of accurately locating positions of key landmarks of a golf course, the global positioning system device adapted to transmit and receive information and to map a landscape of a golf course;

providing a cellular technology device providing standard and advanced mobile phone communication capabilities to golfers,

the cellular technology device being able to transmit and receive information;

providing a wireless modem being able to link the system to a phone line and provide for data communication, the wireless modem being able to transmit and receive information;

providing a low power radio frequency transceiver allowing functional communication between golfers, the clubhouse and any other entity requiring this type of communication, the low power radio frequency transceiver being able to transmit and receive information;

providing a cellular digital packet data technology device allowing for the fast and cost effective transmission of data as required for intercomputer access, email and the like, the cellular digital packet data technology device being able to transmit and receive information;

providing a handheld proprietary touch screen personal computer for a golfer;

transmitting and receiving information between the personal computer and the global positioning system device, the cellular technology device, the wireless modem, the low power radio frequency transceiver and the cellular digital packet data technology device;

providing an operating system to allow a golfer to interface with the computer; and

providing software to perform programmed operations based upon the input and output of the personal computer to enable the system to work and assist the golfer for automated distance calculations, equipment indication, club selection, course management, scoring, statistics, cataloguing courses, and other functions in a synchronous and beneficial fashion for improved golfing performance.

4. A method of assisting golfers by mapping a landscape of a golf course comprising, in combination:

providing a system having a global positioning system, a personal computer, operating system and software; activating the system to begin collecting latitude and longitude coordinates from a global positioning system at a rate of no less than one coordinate per second;

tracing a perimeter of a desired region such as a tee box, bunker, sand trap, green and fairway with the global positioning system collecting thereby collecting information regarding any one of a plurality of locations which are associated with the outline of a region which is desired to be mapped;

ending the data collection by a manual disabling of the data collection;

importing a unique field into an electronically traced region, the field being representative of the region being traced;

forming a graphic representation of a newly traced region with an appropriate field displayed in an associated region with different representations for each associated region; and

collecting a response from a golfer as to whether there is there another region needed to be collected, if "Yes" return to activating step, if "No" end.

5. A method of assisting golfers and improving their game comprising, in combination, the steps of:

providing a global positioning system device which is capable of accurately locating positions of any one of a plurality of landmarks on a golf course, the global positioning system device capable of electronically transmitting and receiving information with the device also capable of constructing a map of a landscape of a golf course;

providing a cellular technology device for providing mobile phone communication capabilities to golfers, the cellular technology device being able to transmit and receive information;

providing a wireless modem being able to link a communications system to a phone line and provide for data communication, the wireless modem being able to transmit and receive information;

providing a low power radio frequency transceiver for allowing functional communication between golfers and the clubhouse and any other entity requiring a form of communication,

the low power radio frequency transceiver being able to transmit and receive information;

providing a cellular digital packet data technology device allowing for fast and cost effective transmission of data as required for interncomputer access, email and the like, the cellular digital packet data technology device being able to transmit and receive information;

providing a handheld proprietary touch screen personal computer for a golfer;

transmitting and receiving information between the personal computer and a global positioning system device, a cellular technology device, a wireless modem, a low power radio frequency transceiver and a cellular digital packet data technology device;

providing an operating system to allow a golfer to interface with a computer;

providing software to perform programmed operations based upon the input and output of a personal computer to enable the system to work and assist the golfer by providing automated distance calculations, equipment indication, club selection, course management, scoring, statistics, cataloguing courses, and other functions in a synchronous and beneficial fashion for improved golfing performance;

activating the system to begin collecting latitude and longitude coordinates from a global positioning system at a rate of no less than one coordinate per second;

tracing a perimeter of a desired region such as a tee box, bunker, sand trap, green and fairway with the global positioning system collecting all points associated with the outline of that region to enable the computer to construct a map of the region;

ending the data collection by the manual disabling of the data collection;

importing a unique field into an electronically traced region, the field being representative of the region being traced;

forming a graphic representation of a newly traced region with an appropriate field displayed in the associated region with different representation for each associated region; and

collecting a response from a golfer as to whether there is there another region needed to be collected, if "Yes" return to activating step, if "No" end.
